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(((bending&lt;sentence&gt;life)&lt;paragraph&gt;wire?)&lt;in&gt;metadata)

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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

Display Format:  Citation  Citation & Abstract [Select All](#) [Deselect All](#)

1. **The Effect of Gold-Tin Intermetallic Compound on the Low Cycle Fatigue Behavior of Copper C17200 Wires**  
Fox, A.; Davis, M.; White, P.; Palumbo, T.; Mattoe, C.;  
[Components, Hybrids, and Manufacturing Technology, IEEE Transactions on \(see also IEEE Trans Packaging, and Manufacturing Technology, Part A, B, C\)](#)  
Volume 9, Issue 3, Sep 1986 Page(s):272 - 278  
[AbstractPlus](#) | Full Text: PDF(1152 KB) IEEE JNL  
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2. **Design evaluation and product reliability assessment using accelerated reliability life**  
Jawaid, S.; Ferguson, J.;  
[Reliability and Maintainability Symposium, 2000, Proceedings, Annual](#)  
24-27 Jan. 2000 Page(s):239 - 244  
Digital Object Identifier 10.1109/RAMS.2000.816314  
[AbstractPlus](#) | Full Text: PDF(348 KB) IEEE CNF  
[Rights and Permissions](#)

3. **Hydrolytic deterioration of polyimide insulation on naval aircraft wiring**  
Campbell, F.J.; Brewer, A.K.; Orr, R.J.; Janicke, T.A.; Bruning, A.M.;  
[Electrical Insulation and Dielectric Phenomena, 1988, Annual Report, Conference on](#)  
16-20 Oct. 1988 Page(s):180 - 188  
Digital Object Identifier 10.1109/CEIDP.1988.26329  
[AbstractPlus](#) | Full Text: PDF(332 KB) IEEE CNF  
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*DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L4	L3 and predict\$ and stress	8
<input type="checkbox"/>	L3	((bending or flex\$) with life) same wire?)	286
<input type="checkbox"/>	L2	((bending or flex\$) with life) same wire?) and predict\$ ansd stress	0
<input type="checkbox"/>	L1	Iimori.in. and (bending with life) and wire?	2

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Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 20060155416 A1

L1: Entry 1 of 2

File: PGPB

Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060155416

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060155416 A1

TITLE: Method for predicting bending durability of electric wire and bend protection member, and apparatus and recording medium storing program therefor

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Iimori</u> ; Yasuo	Kosai-shi		JP

US-CL-CURRENT: 700/165; 700/177

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn D](#)

2. Document ID: US 20060052990 A1

L1: Entry 2 of 2

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060052990

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060052990 A1

TITLE: Method and apparatus for predicting bending life spans of electric wires and or wire protecting members induced by vibrations, and recording medium storing program

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Iimori</u> ; Yasuo	Kosai-shi		JP

US-CL-CURRENT: 703/7; 73/577

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn D](#)

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1. Document ID: US 20060155416 A1

L4: Entry 1 of 8

File: PGPB

Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060155416

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060155416 A1

TITLE: Method for predicting bending durability of electric wire and bend protection member, and apparatus and recording medium storing program therefor

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Iimori; Yasuo	Kosai-shi		JP

US-CL-CURRENT: 700/165; 700/177

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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2. Document ID: US 20060052990 A1

L4: Entry 2 of 8

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060052990

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060052990 A1

TITLE: Method and apparatus for predicting bending life spans of electric wires and or wire protecting members induced by vibrations, and recording medium storing program

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Iimori; Yasuo	Kosai-shi		JP

US-CL-CURRENT: 703/7; 73/577

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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3. Document ID: US 20020161535 A1

L4: Entry 3 of 8

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161535

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161535 A1

TITLE: Flexure life estimating method, wire harness designing method and program thereof

PUBLICATION-DATE: October 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kawakita, Yuki	Mie		JP
Inoue, Takuya	Mie		JP
Kawabe, Hitoshi	Mie		JP
Onoue, Hisayoshi	Mie		JP
Furusyo, Masaru	Osaka		JP
Ohuchi, Kouji	Osaka		JP
Kaji, Mikio	Osaka		JP

US-CL-CURRENT: 702/42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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 4. Document ID: US 6839642 B2

L4: Entry 4 of 8

File: USPT

Jan 4, 2005

US-PAT-NO: 6839642

DOCUMENT-IDENTIFIER: US 6839642 B2

TITLE: Flexure life estimating method, wire harness designing method and program thereof

DATE-ISSUED: January 4, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kawakita; Yuki	Mie			JP
Inoue; Takuya	Mie			JP
Kawabe; Hitoshi	Mie			JP
Onoue; Hisayoshi	Mie			JP
Furusyo; Masaru	Osaka			JP
Ohuchi; Kouji	Osaka			JP
Kaji; Mikio	Osaka			JP

US-CL-CURRENT: 702/42; 702/34, 73/812

Full	Title	Citation	Front	Review	Classification	Date	Reference	Subjects	Attachments	Claims	KMPC	Drawn De
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5. Document ID: US 6439059 B1

L4: Entry 5 of 8

File: USPT

Aug 27, 2002

US-PAT-NO: 6439059

DOCUMENT-IDENTIFIER: US 6439059 B1

TITLE: Method of predicting bending life of electric wire or electric wire bundle

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Takuya	Mie			JP
Kawakita; Yuki	Mie			JP
Kawauchi; Hiroshi	Osaka			JP
Ohuchi; Kouji	Osaka			JP

US-CL-CURRENT: 73/812

Full	Title	Citation	Front	Review	Classification	Date	Reference	Subjects	Attachments	Claims	KMPC	Drawn De
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6. Document ID: US 4591136 A

L4: Entry 6 of 8

File: USPT

May 27, 1986

US-PAT-NO: 4591136

DOCUMENT-IDENTIFIER: US 4591136 A

TITLE: Spring mechanisms

DATE-ISSUED: May 27, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leonard; George H.	Darien	CT	06820	

US-CL-CURRENT: 267/154; 16/308, 180/69.21, 185/37, 267/283, 280/124.166, 49/386,  
74/99A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Subjects	Attachments	Claims	KMPC	Drawn De
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7. Document ID: US 4302939 A

L4: Entry 7 of 8

File: USPT

Dec 1, 1981

US-PAT-NO: 4302939

DOCUMENT-IDENTIFIER: US 4302939 A

TITLE: Solid state engine using nitinol memory alloy

DATE-ISSUED: December 1, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Golestaneh; Ahmad A.	Bolingbrook	IL		

US-CL-CURRENT: 60/527

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Searches</a>	<a href="#">Print</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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 8. Document ID: US 3944894 A

L4: Entry 8 of 8

File: USPT

Mar 16, 1976

US-PAT-NO: 3944894

DOCUMENT-IDENTIFIER: US 3944894 A

TITLE: Electrolytic timer capsule with rupturable filament anode

DATE-ISSUED: March 16, 1976

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones, Jr.; John Paul	Wayne	PA		

US-CL-CURRENT: 361/435

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Searches</a>	<a href="#">Print</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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Term	Documents
STRESS	441166
STRESSES	194768
PREDICT\$	0
PREDICT	103115
PREDICTA	21
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PREDICTABEL	2
PREDICTABILATY	2